

856 Ship Notice/Manifest

Functional Group=SH

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Federal Note:

Contractors use this transaction set to send a single Shipment Notice (SN).

DLMS Note:

1. This DLMS Supplement is based upon the Federal Implementation Convention (IC) 856, Ship Notice/Manifest and is provided for clarification of internal DoD use of the 856 as it pertains to Wide Area Workflow – Receipt and Acceptance (WAWF-RA).
2. This document describes the advance shipment notice as extracted from Wide Area Workflow (WAWF-RA) and forwarded to Defense Contract Management Agency (DCMA), payment offices, and receiving points. For submission of the 856 to WAWF-RA, please refer to the WAWF-RA Implementation Guide located on the WAWF-RA web site at URL: <https://wawf.eb.mil>.
3. This document also supports internal DoD transactions for the Shipment Performance Notice and the Destination Acceptance Alert during DLMS migration and pending full implementation of WAWF.
4. DoD, Federal and Civil Agency users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at www.dla.mil/j-6/dlms.
5. This transaction may be used to forward unique identification (UID) information as submitted by vendors to WAWF-RA. For more information about UID, refer to the UID web site at URL: <http://www.acq.osd.mil/dpap/sitemap.html> for DoD policy and business rules.
6. This transaction may be used to forward passive Radio Frequency Identification (RFID) tag information as submitted by vendors to WAWF-RA. For more information about RFID, refer to the DoD Automated Information Technology web site at URL: <http://www.dodait.com>
7. This revision to the DLMS Supplement incorporates Proposed DLMS Change and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DLMSO website: <http://www.dla.mil/j-6/dlms/elibrary/Changes/processchanges.asp>

- ADC 129, New DLMS Supplement for DLMS ASN Following Federal IC 856, Shipment Notice/Manifest
- ADC 162, Correction to DSs 4010 856 ASN and 4010 861 Acceptance Report to Add Missing Qualifiers for Component Unique Data Content
- ADC 165, Optional Capability for Sending Information Copy of DLMS Supplements 856, 856S, 861, 867I, 870M, 945A, and 947I to a Component Unique Item Tracking (UIT) Registry (Supply)
- ADC 177, ASN 856 Cancellation and Correction Functionality
- ADC 231, Inclusion of Data Supporting Wide Area Workflow Transaction Exchange for Item Unique Identification (IUID), Zero Lot Shipments, and Performance Notification for Services
- ADC 303, Transportation Identification Numbers in Wide Area Workflow (WAWF)

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Used
020	BSN	Beginning Segment for Ship Notice	M	1			Used
* 040	DTM	Date/Time Reference	O	10			Not Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					200000	C2/010L	
010	HL	Hierarchical Level	M	1		C2/010	Must use
020	LIN	Item Identification	O	1			Must use
030	SN1	Item Detail (Shipment)	O	1			Used
040	SLN	Subline Item Detail	O	1000			Used
050	PRF	Purchase Order Reference	O	1			Used
* 060	PO4	Item Physical Details	O	1			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
070	PID	Product/Item Description	O	200			Used
* 080	MEA	Measurements	O	40			Not Used
* 090	PWK	Paperwork	O	25			Not Used
* 100	PKG	Marking, Packaging, Loading	O	25			Not Used
110	TD1	Carrier Details (Quantity and Weight)	O	20			Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
* 130	TD3	Carrier Details (Equipment)	O	12			Not Used
* 140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 145	TSD	Trailer Shipment Details	O	1			Not Used
150	REF	Reference Identification	O	>1			Used
* 151	PER	Administrative Communications Contact	O	3			Not Used
* LOOP ID - LH1					<u>100</u>		
152	LH1	Hazardous Identification Information	M	1			Must use
* 153	LH2	Hazardous Classification Information	O	4			Not Used
* 154	LH3	Hazardous Material Shipping Name	O	12			Not Used
* 155	LFH	Freeform Hazardous Material Information	O	20			Not Used
* 156	LEP	EPA Required Data	O	>1			Not Used
* 157	LH4	Canadian Dangerous Requirements	O	1			Not Used
* 158	LHT	Transborder Hazardous Requirements	O	3			Not Used
* 159	LHR	Hazardous Material Identifying Reference Numbers	O	10			Not Used
* 160	PER	Administrative Communications Contact	O	5			Not Used
* 161	LHE	Empty Equipment Hazardous Material Information	O	1			Not Used
LOOP ID - CLD					<u>200</u>		
170	CLD	Load Detail	M	1			Must use
180	REF	Reference Identification	O	200			Used
* 185	DTP	Date or Time or Period	O	1			Not Used
* 190	MAN	Marks and Numbers	O	>1			Not Used
200	DTM	Date/Time Reference	O	10			Used
210	FOB	F.O.B. Related Instructions	O	1			Used
* 215	PAL	Pallet Information	O	1			Not Used
LOOP ID - N1					<u>200</u>		
220	N1	Name	M	1			Used
230	N2	Additional Name Information	O	2			Used
240	N3	Address Information	O	2			Used
250	N4	Geographic Location	O	1			Used
* 260	REF	Reference Identification	O	12			Not Used
270	PER	Administrative Communications Contact	O	3			Used
* 280	FOB	F.O.B. Related Instructions	O	1			Not Used
290	SDQ	Destination Quantity	O	50			Used
* 300	ETD	Excess Transportation Detail	O	1			Not Used
310	CUR	Currency	O	1			Used
LOOP ID - SAC					<u>>1</u>		

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
320	SAC	Service, Promotion, Allowance, or Charge Information	M	1			Must use
* 325	CUR	Currency	O	1			Not Used
* 330	GF	Furnished Goods and Services	O	1			Not Used
* 335	YNQ	Yes/No Question	O	10			Not Used
LOOP ID - LM					10		
340	LM	Code Source Information	M	1			Must use
350	LQ	Industry Code	M	100			Used
* LOOP ID - V1					≥1		
360	V1	Vessel Identification	M	1			Must use
* 370	R4	Port or Terminal	O	>1			Not Used
* 380	DTM	Date/Time Reference	O	>1			Not Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 010	CTT	Transaction Totals	O	1		N3/010	Not Used
020	SE	Transaction Set Trailer	M	1			Used

Notes:

3/010 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

2/010L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
 2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

STTransaction Set Header

Pos: 010Max: 1

Heading - Mandatory

Loop: N/AElements: 2

User Option (Usage): Used

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
Code Name						
856 Ship Notice/Manifest						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
Federal Note: A unique number assigned by the originator of the transaction set, or the originator's application program.						

BSN Beginning Segment for Ship Notice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

<u>Code</u>	<u>Name</u>
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00	Original
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01	Cancellation
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DLMS Note:

Use to cancel a previously transmitted ASN.

CO	Corrected
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Federal Note:

Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted.

DLMS Note:

Use to indicate this transaction is being sent to correct data previously transmitted via ASN.

BSN02	396	Shipment Identification	M	AN	2/30	Must use
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Description: A unique control number assigned by the original shipper to identify a specific shipment

Federal Note: *Use to cite the shipment number. If applicable, include the final shipment indicator (i.e., the letter Z) or if applicable, the replacement shipment indicator, e.g., A, B, etc., at the end of the shipment number.*

BSN03	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

Federal Note: *1. Use to indicate the transaction set creation date.*

2. Express the originating activity's date in Universal Time Coordinate (UTC).

BSN04	337	Time	M	TM	4/8	Must use
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
		Federal Note: 1. Express the originating activity's time in Universal Time Coordinate (UTC).				
		2. Express time in a six-position (Hour Hour Minute Minute Second Second) format.				
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
BSN06	640	Transaction Type Code	X	ID	2/2	Used
		Description: Code specifying the type of transaction				
		Federal Note: Use to indicate the type of transaction.				

Code Name

AS Shipment Advice

Federal Note:

Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.

U2 Shipment Performance Notice

Federal Note:

Use only on Department of Defense internal systems [i.e., Defense Contract Management Agency] when the transaction set contains a Shipment Performance Notice (supplies or services).

U4 Acceptance Alert

Federal Note:

Use only on Department of Defense internal systems when the transaction set contains a destination acceptance alert.

HL Hierarchical Level

Pos: 010

Max: 1

Detail - Mandatory

Loop: HL

Elements: 4

User Option (Usage): Must use**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Federal Note:

For WAWF-RA, the hierarchical structure shall be: Shipment (HL03 Code S), Address (HL03 code V), Item (HL03 Code I), UID (HL03 code D) and RFID (HL03 code P).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
Federal Note: In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.						
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to						
Federal Note: Do not use in the first occurrence of the 2/HL/010 address loop.						
DLMS Note: Use in subsequent 2/HL/010 loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop. Use in shipment loop to associate with the address loop. Use in line item loops to associate with the shipment loop. Use in UID loops to associate with the applicable line item loop. Use in the first Pack/RFID loop for the highest level pack to associate with the shipment loop. Use in subsequent Pack/RFID loops to associate with either the shipment loop or the corresponding Pack/RFID loop which contains the pack detailed in this loop.						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
Description: Code defining the characteristic of a level in a hierarchical structure						
Code Name						
D	Product Description					

Code Name**Federal Note:**

Use to identify UID data consistent with UID data requirements. Only segments 2/SLN/040 and 2/REF/150 are applicable to the UID data loop. Use a separate UID loop for each combination of Ull type, original part number, Enterprise Identifier and its associated Issuing Agency Code, and manufacturer identifier, if different from the Enterprise Identifier, and the Issuing Agency Code associated with the manufacturer. Begin a new UID loop if any one of these elements differs.

I Item

Federal Note:

1. Use to identify the individual line item loops.

DLMS Note:

The following detail segments are applicable to the line Item loop: 2/LIN/020, 2/SN1/030, 2/PID/070 2/REF/150, 2/CLD/170, 2/REF/180, 2/LM/340, and 2/LQ/350.

P Pack

Federal Note:

When providing RFID information pertaining to a shipment, use to identify individual pack loops associated with RFID. Only the 2/REF/150 and 2/SDQ/290 are used in this loop when reporting pack/RFID information.

S Shipment

DLMS Note:

Use to identify the shipment loop. The following detail segments are applicable to the Shipment loop: 2/PRF/050, 2/TD1/110, 2/TD5/120, 2/REF/150, 2/DTM/200, 2/FOB/210, 2/CUR/310, 2/SAC/320, 2/LM/340, and 2/LQ/350.

V Address Information

Federal Note:

Use to identify the transaction set address loop.

DLMS Note:

The following detail segments are applicable to the Address loop: 2/N1/220 and 2/PER/270.

HL04	736	Hierarchical Child Code	O	ID	1/1	Used
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Description: Code indicating if there are hierarchical child data segments subordinate to the level being described

Code Name

0 No Subordinate HL Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 0 in the UID loop, otherwise use as applicable.

1 Additional Subordinate HL Data Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 1 in the Address loop and Shipment loop, otherwise use as applicable.

LIN Item Identification

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
LIN01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Federal Note: <i>Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System.</i>	O	AN	1/20	Used								
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) DLMS Note: <i>Only the following codes are applicable under the DLMS.</i> <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>FS</td><td>National Stock Number</td></tr><tr><td>MG</td><td>Manufacturer's Part Number</td></tr><tr><td>SV</td><td>Service Rendered</td></tr></tbody></table> Federal Note: <i>Use to describe a service line item performed for any Service or Agency. When used, provide a text description in no more than 20 characters in the paired data element 234.</i>	<u>Code</u>	<u>Name</u>	FS	National Stock Number	MG	Manufacturer's Part Number	SV	Service Rendered	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>													
FS	National Stock Number													
MG	Manufacturer's Part Number													
SV	Service Rendered													

LIN03

234

Product/Service ID

M

AN

1/48

Must use

Description: Identifying number for a product or service

SN1

Item Detail (Shipment)

Pos: 030

Max: 1

Detail - Optional

Loop: HL

Elements: 3

User Option (Usage): Used

Purpose: To specify line-item detail relative to shipment

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	<div>Number of Units Shipped</div> <div>Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set</div> <div>Federal Note: Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.</div> <div>DLMS Note: Use to identify the quantity shipped. Quantity format is X(8).XX.</div>	M	R	1/10	Must use
SN103	355	<div>Unit or Basis for Measurement Code</div> <div>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</div> <div>Federal Note: Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. Use code UL when no purchase unit applies.</div>	M	ID	2/2	Must use
SN104	646	<div>Quantity Shipped to Date</div> <div>Description: Number of units shipped to date</div> <div>DLMS Note: Use in the line item loop to identify the actual quantity shipped on Zero Lot shipments. This is only used for Zero Lot documents paid by MOCAS, when the Quantity Shipped in SN102 is zero (0) and Unit of Measure LO is reported in SN103. When provided quantity must equal amount associated with MILSTRIP document numbers, IUID data, or Pack data.</div>	O	R	1/15	Used

SLN Subline Item Detail

Pos: 040Max: 1000

Detail - Optional

Loop: HLElements: 18

User Option (Usage): Used

Purpose: To specify product subline detail item data

- Syntax Rules:
- 1. C0706 - If SLN07 is present, then SLN06 is required.
 - 2. C0806 - If SLN08 is present, then SLN06 is required.
 - 3. P0405 - If either SLN04 or SLN05 is present, then the other is required.
 - 4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
 - 5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
 - 6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
 - 7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
 - 8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
 - 9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
 - 10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
 - 11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
 - 12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
 - 13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

- Semantics:
- 1. SLN01 is the identifying number for the subline item.
 - 2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
 - 3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
 - 4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

- Comments:
- 1. See the Data Element Dictionary for a complete list of IDs.
 - 2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
 - 3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
Federal Note: 1. This will always be "1" in the UID loop.						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
Code Name						
O Information Only						
Federal Note:						
Use in UID loop to indicate UID information is provided.						
SLN04	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
Federal Note: This will always be "1" in the UID loop.						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN05	C001	Composite Unit of Measure	X	Comp		Used
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use)				
SLN05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		DLMS Note: <i>WAWF will use a constant "EA".</i>				
		Code Name				
		EA Each				
SLN09	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Federal Note: <i>Use in UID loop to identify the UII Type in the first Product/Service pair. Use subsequent pairs to identify the Enterprise Identifier and its associated Issuing Agency Code, original part number, and manufacturer identifier and its associated Issuing Agency Code, as applicable.</i>				
		Code Name				
		KF Item Type Number				
		Federal Note:				
		<i>Use to identify the UII type per UID guidance, e.g., VIN, UID1, UID2, etc., when known.</i>				
SLN10	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN11	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code Name				
		MF Manufacturer				
		DLMS Note:				
		<i>Use to indicate the Enterprise Identifier. Required if UII Type=UID1 or UID2.</i>				
SLN12	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN13	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code Name				
		MG Manufacturer's Part Number				
		DLMS Note:				
		<i>Use to indicate the original part number. Required if UII Type=UID2.</i>				
SLN14	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN15	235	Product/Service ID Qualifier	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name XZ Contractor Establishment Code						
DLMS Note: Use to indicate the Issuing Agency Code. Required if UII Type=UID1 or UID2.						
SLN16	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
SLN17	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name B8 Batch Number						
Federal Note: Use for Batch/Lot Number associated with IUID information. No special characters, except for dashes (-) and forward slashes (/) are permitted.						
SLN18	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
SLN19	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name VU Vendor's Basic Unit Number						
Federal Note: Use in UID loop to identify the manufacturer of the item associated with the IUID information if different from the Enterprise Identifier. The manufacturer may be identified by CAGE, DODAAC, ANSI T1.220, DUNS, or EAN.UCC. When provided, also identify the type of code used in a subsequent pair.						
SLN20	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
SLN21	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name DS Group ID						
Federal Note: Use in UID loop to identify the Issuing Agency Code which specifies the type of code used to identify the manufacturer. This is the same code list as used for Enterprise Identifier Issuing Agency Code: D: CAGE LD: DoDAAC LB: ANSI T1.220 UN: DUNS 0-9 (single digits, 10 different codes, EAN.UCC Company Prefix) LH: European Health Industry Business Communications Council						
SLN22	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		service				

PRF Purchase Order Reference

Pos: 050

Max: 1

Detail - Optional

Loop: HL

Elements: 3

User Option (Usage): Used**Purpose:** To provide reference to a specific purchase order**Semantics:**

1. PRF04 is the date assigned by the purchaser to purchase order.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser Federal Note: <i>Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes.</i> DLMS Note: <i>WAWF field length will configure to 13 positions for initial implementation.</i>	M	AN	1/22	Must use
PRF02	328	Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Federal Note: <i>Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.</i> DLMS Note: <i>WAWF will configure to 4 positions for initial implementation.</i>	O	AN	1/30	Used
PRF04	373	Date Description: Date expressed as CCYYMMDD DLMS Note: <i>This is the Delivery Order Date.</i>	O	DT	8/8	Used

PID Product/Item Description

Pos: 070Max: 200

Detail - Optional

Loop: HLElements: 2

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

- Syntax Rules:
- 1. C0403 - If PID04 is present, then PID03 is required.
 - 2. C0703 - If PID07 is present, then PID03 is required.
 - 3. C0804 - If PID08 is present, then PID04 is required.
 - 4. C0905 - If PID09 is present, then PID05 is required.
 - 5. R0405 - At least one of PID04 or PID05 is required.

- Semantics:
- 1. Use PID03 to indicate the organization that publishes the code list being referred to.
 - 2. PID04 should be used for industry-specific product description codes.
 - 3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
 - 4. PID09 is used to identify the language being used in PID05.

- Comments:
- 1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
 - 2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 - 3. PID07 specifies the individual code list of the agency specified in PID03.

Federal Note:

Use this segment only when additional free form text is needed to describe the item cited in LIN01 (HL03 code is I).

DLMS Note:

Use 1-25 iterations as needed.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	Item Description Type	M	ID	1/1	Must use
Description: Code indicating the format of a description						
Code Name						
F Free-form						
PID05	352	Description	X	AN	1/80	Must use
Description: A free-form description to clarify the related data elements and their content						
Federal Note: Use to describe the item cited in LIN01 only when an additional description is required.						
DLMS Note: Mandatory entry for WAWF.						

TD1Carrier Details (Quantity and Weight)

Pos: 110Max: 20

Detail - Optional

Loop: HLElements: 2

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

- Syntax Rules:
- 1. C0102 - If TD101 is present, then TD102 is required.
 - 2. C0304 - If TD103 is present, then TD104 is required.
 - 3. C0607 - If TD106 is present, then TD107 is required.
 - 4. P0708 - If either TD107 or TD108 is present, then the other is required.
 - 5. P0910 - If either TD109 or TD110 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
		Federal Note: The actual gross weight in pounds of the shipment being reported.				
TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		Code Name				
		LB Pound				

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 12
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. C0203 - If TD502 is present, then TD503 is required.
2. C0708 - If TD507 is present, then TD508 is required.
3. C1011 - If TD510 is present, then TD511 is required.
4. C1312 - If TD513 is present, then TD512 is required.
5. C1413 - If TD514 is present, then TD513 is required.
6. C1512 - If TD515 is present, then TD512 is required.
7. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used

Description: Code describing the relationship of a carrier to a specific shipment movement

DLMS Note: 1. Use to identify each transportation leg which involves the loading of cargo onto a transportation device and its conveyance from one physical location to another.

2. Equates to the Route Sequence Number in WAWF.

Code Name

1 1st Carrier after Origin Carrier

DLMS Note:

DLMS enhancement for future use. Not available at this time.

B Origin/Delivery Carrier (Any Mode)

DLMS Note:

For WAWF Version 4.1, only Code B is valid.

TD502	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

DLMS Note: Use to identify the carrier applicable to the identified transportation leg (per TD501) by SCAC.

Code Name

2 Standard Carrier Alpha Code (SCAC)

TD503	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used
Description: Code specifying the method or type of transportation for the shipment						
Federal Note: Use any code to identify the mode of shipment. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.						

REF Reference Identification

Pos: 150

Max: >1

Detail - Optional

Loop: HL

Elements: 3

User Option (Usage): Used**Purpose:** To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

DLMS Note: Up to two secondary transportation identification numbers may be provided for each transportation leg (per TD501). For WAWF Version 4.1 only one transportation leg may be identified. Field length for secondary transportation identification numbers in WAWF may not exceed 30 characters.

Code Name

08 Carrier Assigned Package Identification Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify carrier package tracking number when carrier is other than the United States Postal Service. Recommended this be use in conjunction with identification of the carrier identification by Standard Carrier Alpha Code (SCAC).

0L Referenced By

DLMS Note:

Use to describe the type of secondary transportation identification number associated with the value cited as Other Unlisted Transportation Number (REF01=XY Other Unlisted Type of Reference Number)

12 Billing Account

Federal Note:

Use to identify the Authorization Accounting Activity (AAA).

93 Funds Authorization

DLMS Note:

Applicable to Line Item loop. Use to indicate the Standard Document Number. Length is 1-30.

AI Associated Invoices

DLMS Note:

Applicable to Shipment loop. When used REF03 will reflect the associated invoice date in CCYYMMDD format.

AW Air Waybill Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit air waybill number.

AX Government Accounting Class Reference Number (ACRN)

DLMS Note:

Applicable to Line Item loop. Future enhancement to allow multiple ACRNS. When the future multiple ACRN is implemented, REF03 will contain the amount associated with the ACRN.

BL Government Bill of Lading

DLMS Note:

Code	Name
	<i>Applicable to Shipment loop. Use to identify the shipment unit Government bill of lading number</i>
BM	Bill of Lading Number
	DLMS Note:
	<i>Applicable to Shipment loop. Use to identify the shipment unit commercial bill of lading number.</i>
BN	Booking Number
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify shipment unit "Sealift Booking Number."</i>
CN	Carrier's Reference Number (PRO/Invoice)
	DLMS Note:
	<i>Use to identify the "PRO/Invoice Number." A PRO or invoice number is a progressively sequential numbering system generated by commercial carriers to identify freight bills.</i>
FI	File Identifier
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the "Port Call File Number (PCFN)." This is a sealift identifier generated and assigned by the Integrated Booking System to uniquely identify a booking; sometimes referred to as the government's booking number.</i>
IZ	Insured Parcel Post Number
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit insured parcel post number.</i>
JH	Tag
	DLMS Note:
	<i>Use in RFID/Pack loops to identify the RFID tag value at the applicable pack level (i.e., palletized unit load, exterior container, or UID packaging). Cite the RFID in the REF03.</i>
K2	Certified Mail Number
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit certified mail number.</i>
K3	Registered Mail Number
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit registered parcel post number.</i>
LA	Shipping Label Serial Number
	DLMS Note:
	<i>Use to identify the fixe- length 18 character Serial Shipping Container Code (SSCC) used by NATO partners to track shipment units. Only one SSCC per ASN is authorized.</i>
RE	Release Number
	DLMS Note:
	<i>Applicable to Shipment loop. Indicate Y in REF02 when applicable.</i>
TG	Transportation Control Number (TCN)
	DLMS Note:
	<i>The TCN is a 17-character data element assigned to control and manage every shipment unit throughout the transportation pipeline. The TCN for each shipment is unique and not duplicated. Only one TCN per ASN is authorized.</i>
U3	Unique Supplier Identification Number (USIN)
	DLMS Note:
	<i>1. Use in UID loop to identify the UII value. Cite the UII in REF03. Cite the serial number, when applicable, in REF02.</i>
	<i>2. Use in RFID loop for UII value when RFID is provided at the UID packaging level.</i>
WY	Waybill Number
	DLMS Note:
	<i>This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Surface Waybill Number."</i>

Code Name

XY Other Unlisted Type of Reference Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify "Other Unlisted Transportation Number." Use additional REF segment instance with Qualifier "0L" to explain the type of number identified.

ZH Carrier Assigned Reference Number

DLMS Note:

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Express Mail Number".

REF02	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Federal Note: 1. Use to indicate UID value when REF01=U3.

2. Use to indicate RFID when REF01=JH.

DLMS Note: Use to identify the Routing Sequence Code (per TD501) as a cross reference when identifying secondary transportation identification numbers in WAWF, e.g. "B."

CLD Load Detail

Pos: 170	Max: 1
Detail - Mandatory	
Loop: CLD	Elements: 4

User Option (Usage): Must use

Purpose: To specify the number of material loads shipped

Syntax Rules:

1. C0504 - If CLD05 is present, then CLD04 is required.

Semantics:

1. CLD05 is used to dimension the value given in CLD04.

Comments:

1. The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CLD01	622	Number of Loads Description: Number of customer-defined loads shipped by the supplier DLMS Note: <i>Cite 1 for ANSI syntax.</i>	M	N0	1/5	Must use
CLD02	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set Federal Note: <i>Indicate the quantity of the item shipped for the requisition number cited in the REF segment.</i>	M	R	1/10	Must use
CLD04	357	Size Description: Size of supplier units in pack Federal Note: <i>When used to relate quantity shipped to one or more requisition numbers, enter 1 (one) to satisfy syntax requirements.</i>	X	R	1/8	Used
CLD05	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Federal Note: <i>Use any code, other than code ZZ, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.</i> DLMS Note: <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> All valid standard codes are used.	X	ID	2/2	Used

REFReference Identification

Pos: 180Max: 200

Detail - Optional

Loop: CLDElements: 3

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Code Name						
TN Transaction Reference Number						
Federal Note:						
Use to indicate the transaction number (i.e., the requisition number).						
REF02	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
REF04	C040	Reference Identifier	O	Comp		Used
Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier						
REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Code Name						
W8 Suffix						
Federal Note:						
Use with REF01 code TN, if applicable, to cite a suffix associated with the cited requisition (document) number.						
REF04-02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Federal Note: Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.

Code Name

011 Shipped

Federal Note:

Use to indicate that a supply activity has shipped (i.e., the date a shipment was released to a carrier).

017 Estimated Delivery

139 Estimated

Federal Note:

Use to indicate the estimated date when a supply will be shipped, (i.e., the estimated date a shipment will be released to a carrier).

198 Completion

DLMS Note:

Use to indicate date completed for services rendered.

201 Acceptance

245 Estimated Completion

Federal Note:

Use to identify the estimated date that a service will be completed or performed.

517 Inspected

DLMS Note:

May be used to identify the inspection date when inspection does not occur at the same location responsible for acceptance.

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3	Used
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Description: Code indicating the date format, time format, or date and time format

Federal Note: Use to indicate dates in another format.

DTM06	1251	Date Time Period	X	AN	1/35	Used
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Description: Expression of a date, a time, or range of dates, times or dates and times

FOB F.O.B. Related Instructions

Pos: 210

Max: 1

Detail - Optional

Loop: HL

Elements: 2

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

- Syntax Rules:
- 1. C0302 - If FOB03 is present, then FOB02 is required.
 - 2. C0405 - If FOB04 is present, then FOB05 is required.
 - 3. C0706 - If FOB07 is present, then FOB06 is required.
 - 4. C0809 - If FOB08 is present, then FOB09 is required.

- Semantics:
- 1. FOB01 indicates which party will pay the carrier.
 - 2. FOB02 is the code specifying transportation responsibility location.
 - 3. FOB06 is the code specifying the title passage location.
 - 4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use
Description: Code identifying payment terms for transportation charges						
Code Name						
DF Defined by Buyer and Seller						
FOB02	309	Location Qualifier	X	ID	1/2	Used
Description: Code identifying type of location						
Code Name						
DE Destination (Shipping)						
IT Intermediate FOB Point						
OR Origin (Shipping Point)						

N1Name

Pos: 220Max: 1

Detail - Mandatory

Loop: N1Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

- Syntax Rules:
- 1. P0304 - If either N103 or N104 is present, then the other is required.
 - 2. R0203 - At least one of N102 or N103 is required.

- Comments:
- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 - 2. N105 and N106 further define the type of entity in N101.

DLMS Note:

Must use at least one iteration of this N1 segment to identify the organization to receive the transaction (N106 code TO with appropriate N101 code). May use additional iterations to identify other organizations associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
BY		Buying Party (Purchaser)				
DLMS Note:						
<i>This is the contracting office that issued the contract identified by DoDAAC.</i>						
C4		Contract Administration Office				
Federal Note:						
<i>Use to identify the Administered By activity.</i>						
CJ		Automated Data Processing (ADP) Point				
DLMS Note:						
<i>Use to identify WAWF-RA as the transaction originator.</i>						
KK		Registering Party				
DLMS Note:						
<i>Use to identify the Component UIT registry. May be used by a Component when their UIT process requires that a copy of the transaction also be sent to a UIT registry for information purposes. Must be used with 2/N106/220 code 'PK-Party to Receive Copy' to identify that this is only an information copy of the transaction, for use with the Component UIT registry.</i>						
KZ		Acceptance Location				
Federal Note:						
<i>Use to indicate acceptance is at other than origin or destination.</i>						
L1		Inspection Location				
Federal Note:						
<i>Use to indicate the inspection location when it has to be described as an address.</i>						
PO		Party to Receive Invoice for Goods or Services				
Federal Note:						
<i>Use to indicate where the invoice should be sent.</i>						
DLMS Note:						
<i>This is the Local Processing Official (LPO) identified by DoDAAC; not applicable on MOCAS or SAMMS/BSM paid contracts.</i>						
PR		Payer				
Federal Note:						

Code Name*Use to identify the Payment Will be Made by Activity.***DLMS Note:***This is the Defense Finance and Accounting Service (DFAS) office responsible for payment identified by DoDAAC.*

SE Selling Party

Federal Note:*Use to identify the Prime Contractor.*

SF Ship From

Federal Note:*Use to indicate the Ship From activity (shipping point).*

ST Ship To

Federal Note:*Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of material.*

SV Service Performance Site

Federal Note:*Use to identify the performance location if other than the contractor's site (e.g., the Quality Assurance Representative's site). Use as many occurrences as necessary to cite if applicable, multiple performance locations.*

Z7 Mark-for Party

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)**Code Name**

1 D-U-N-S Number, Dun & Bradstreet

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

10 Department of Defense Activity Address Code (DODAAC)

33 Commercial and Government Entity (CAGE)

A2 Military Assistance Program Address Code (MAPAC)

Federal Note:*Use to identify a Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.*

UR Uniform Resource Locator (URL)

DLMS Note:*Use when appropriate to identify the Component UIT registry.*

ZZ Mutually Defined

DLMS Note:*Use to identify WAWF-RA as the transaction originator.*

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code**Federal Note:** *Use to cite the actual Dun and Bradstreet, Dun and Bradstreet + 4, Department of Defense Activity Address Code, Contractor and Government Entity Code or Military Assistance Program Address Code of the activity cited in N101, as signaled in N103.*

N106	98	Entity Identifier Code	O	ID	2/3	Used
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Description: Code identifying an organizational entity, a physical location, property or an individual**Code Name**

FR Message From

Federal Note:

Code	Name
	<i>Use to indicate that the organization cited in N104 transmitted the transaction set.</i>
PK	Party to Receive Copy
	DLMS Note: <i>Use when appropriate to send an information copy of the transaction to a Component UIT registry. For use with N101 code KK.</i>
TO	Message To
	Federal Note: <i>Use to indicate that the organization cited in N104 is to receive the transaction set.</i>

N2Additional Name Information

Pos: 230Max: 2

Detail - Optional

Loop: N1Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3Address Information

Pos: 240

Max: 2

Detail - Optional

Loop: N1

Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4Geographic Location

Pos: 250

Max: 1

Detail - Optional

Loop: N1

Elements: 6

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

2. N402 is required only if city name (N401) is in the U.S. or Canada.

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		Federal Note: Do not use a dash in the zip code.				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				
		Federal Note: Use only when other than the United States.				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
		<u>Code</u>	<u>Name</u>			
		AR	Armed Services Location Designation			
		Federal Note:				
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)				
N406	310	Location Identifier	X	AN	1/30	Used
		Description: Code which identifies a specific location				

PER Administrative Communications Contact

Pos: 270	Max: 3
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named <u>Code</u> <u>Name</u> IC Information Contact	M	ID	2/2	Must use
PER02	93	Name Description: Free-form name	O	AN	1/60	Used
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number <u>Code</u> <u>Name</u> TE Telephone	X	ID	2/2	Used
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Used

SDQ Destination Quantity

Pos: 290

Max: 50

Detail - Optional

Loop: HL

Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Federal Note: Use Code ZZ as filler in 2/HL/010 RFID loops to satisfy the X12 standards syntax.						
Code Name ZZ Mutually Defined						
SDQ03	67	Identification Code	M	AN	2/80	Must use
Description: Code identifying a party or other code Federal Note: Use in 2/HL/10 RFID/Pack loop to associate a CLIN/SubCLIN/ELIN with the RFID tag value. DLMS Note: Use subsequent code/quantity pairs as needed.						
SDQ04	380	Quantity	M	R	1/15	Must use
Description: Numeric value of quantity Federal Note: Use in 2/HL/10 RFID loop to identify the quantity of the SDQ03 line item contained in the pack layer identified by parent RFID loop.						
SDQ05	67	Identification Code	X	AN	2/80	Used
Description: Code identifying a party or other code						
SDQ06	380	Quantity	X	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ23	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

CURCurrency

Pos: 310Max: 1

Detail - Optional

Loop: HLElements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Rules:

- 1. C0807 - If CUR08 is present, then CUR07 is required.
- 2. C0907 - If CUR09 is present, then CUR07 is required.
- 3. C1110 - If CUR11 is present, then CUR10 is required.
- 4. C1210 - If CUR12 is present, then CUR10 is required.
- 5. C1413 - If CUR14 is present, then CUR13 is required.
- 6. C1513 - If CUR15 is present, then CUR13 is required.
- 7. C1716 - If CUR17 is present, then CUR16 is required.
- 8. C1816 - If CUR18 is present, then CUR16 is required.
- 9. C2019 - If CUR20 is present, then CUR19 is required.
- 10. C2119 - If CUR21 is present, then CUR19 is required.
- 11. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 12. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 13. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 14. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.

Comments:

- 1. See Figures Appendix for examples detailing the use of the CUR segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
BY Buying Party (Purchaser)						
CUR02	100	Currency Code	M	ID	3/3	Must use
Description: Code (Standard ISO) for country in whose currency the charges are specified						
DLMS Note: Use to identify Foreign Currency.						

SAC Service, Promotion, Allowance, or Charge Information

Pos: 320	Max: 1
Detail - Mandatory	
Loop: SAC	Elements: 2

User Option (Usage): Must use

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. C1110 - If SAC11 is present, then SAC10 is required.
2. C1413 - If SAC14 is present, then SAC13 is required.
3. C1615 - If SAC16 is present, then SAC15 is required.
4. P0304 - If either SAC03 or SAC04 is present, then the other is required.
5. P0607 - If either SAC06 or SAC07 is present, then the other is required.
6. P0910 - If either SAC09 or SAC10 is present, then the other is required.
7. R0203 - At least one of SAC02 or SAC03 is required.
8. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code Name

N No Allowance or Charge

Federal Note:

Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
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Description: Code identifying the service, promotion, allowance, or charge

Code Name

B020 Certificate of Conformance

Federal Note:

Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is made under those terms.

LM

Code Source Information

Pos: 340

Max: 1

Detail - Mandatory

Loop: LM

Elements: 1

User Option (Usage): Must use

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use
Description: Code identifying the agency assigning the code values						
Code Name						
DF Department of Defense (DoD)						

LQ Industry Code

Pos: 350	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Used

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LQ01	1270	Code List Qualifier Code	X	ID	1/3	Used

Description: Code identifying a specific industry code list

Code Name

0 Document Identification Code

6 Special Contract Provision Code

Federal Note:

Use to indicate special contract provisions applicable to the shipment.

7 Quality Assurance Site Code

Federal Note:

Use to indicate the quality assurance performance location.

8 Acceptance Site Code

Federal Note:

Use to indicate the acceptance site.

10 Transaction Status Indicator Code

Federal Note:

Use to identify the status of supply and service shipment notices.

14 Contract Shipment Advice Code

Federal Note:

Use as required to identify contract shipment advice information for supply and service shipment notices.

16 Cash Discount Stipulation Code

Federal Note:

Use to indicate that a shipment involves discount payment terms.

GQ Group Qualifier Code

DLMS Note:

Use to identify the Materiel Management Aggregation Code (MMAC) for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.

A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

COG Cognizance Symbol

DLMS Note:

1. Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

MCC Material Control Code

DLMS Note:

1. Use to identify the Material Control Code (MCC) for special inventory reporting. This is a

Code Name

Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

SMI Special Material Identification Code

DLMS Note:

1. Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

LQ02 1271 **Industry Code** X AN 1/30 Used

Description: Code indicating a code from a specific industry code list

Federal Note: 1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5.

2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DPSC clothing contracts).

3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source).

4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source).

5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract).

6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<div><p><i>(Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.</i></p><p><i>7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).</i></p></div>				

SETransaction Set Trailer

Pos: 020Max: 1

Summary - Mandatory

Loop: N/AElements: 2

User Option (Usage): Used

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

- 1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		Federal Note: Cite the same number as the one cited in ST02.				